



# Environmental Remediation Sciences

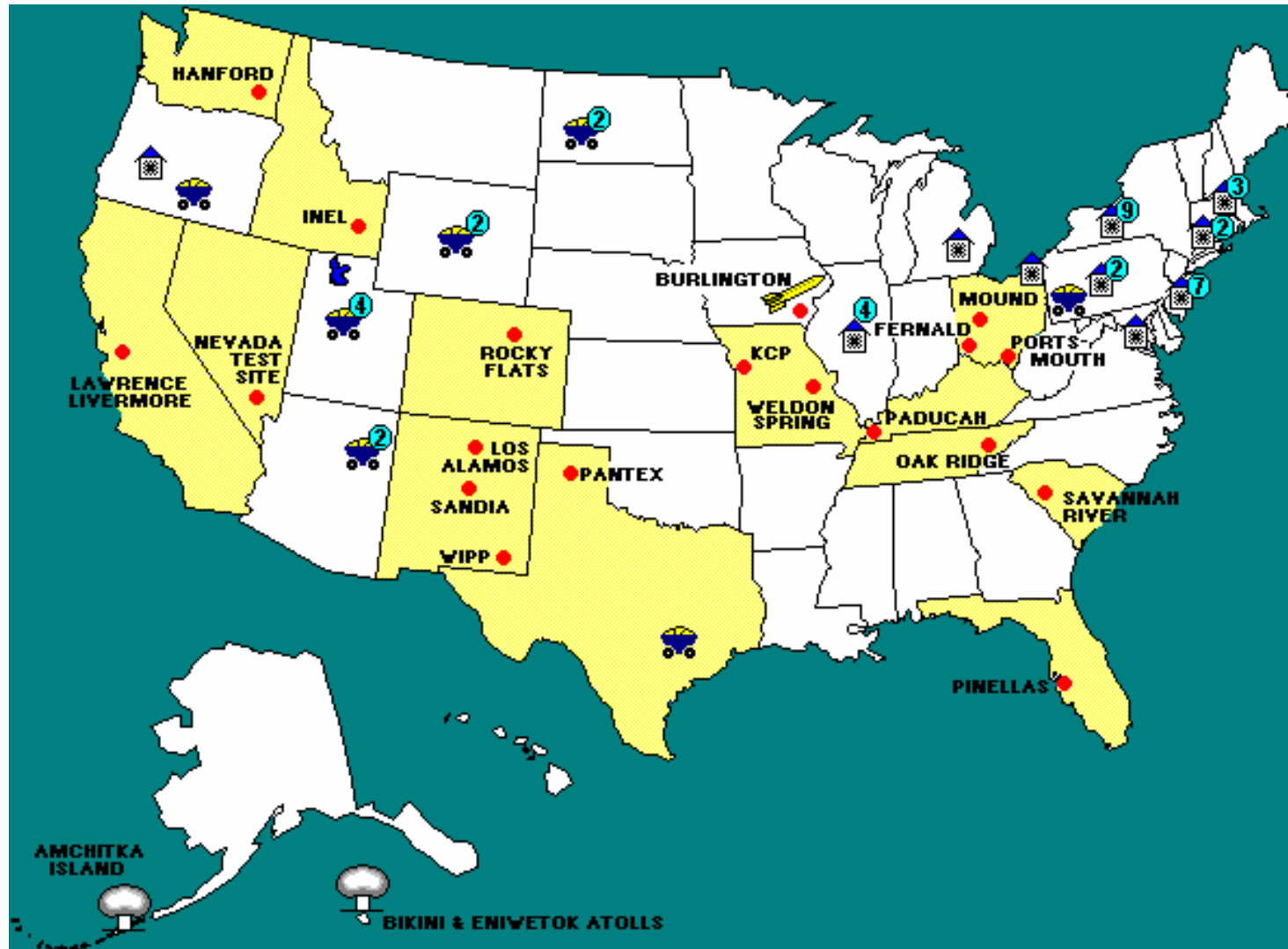
***Mike Kuperberg***  
Office of Biological and  
Environmental Research

***Office of Science***

U.S. Department of Energy

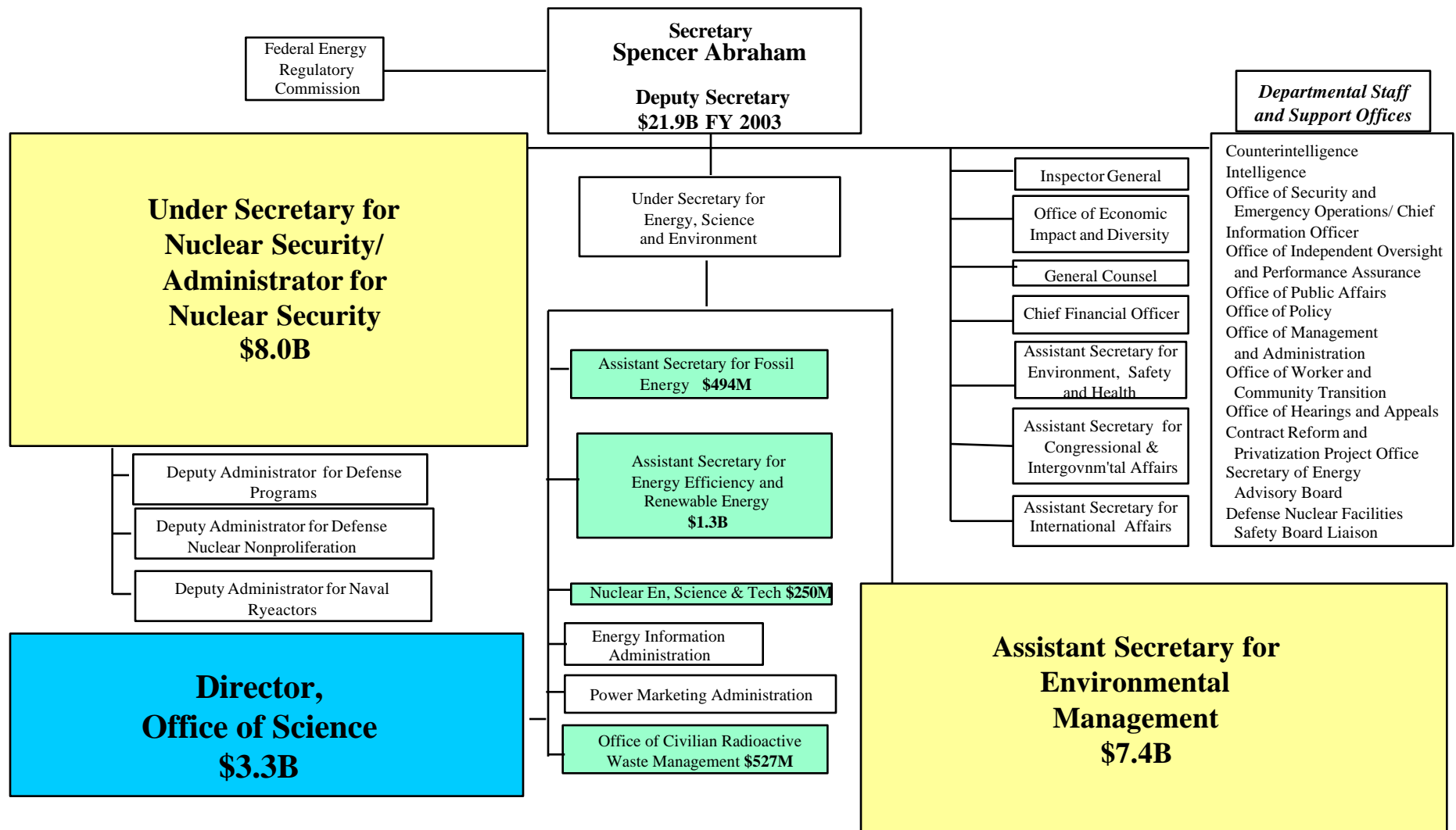


# Nuclear Weapons Complex



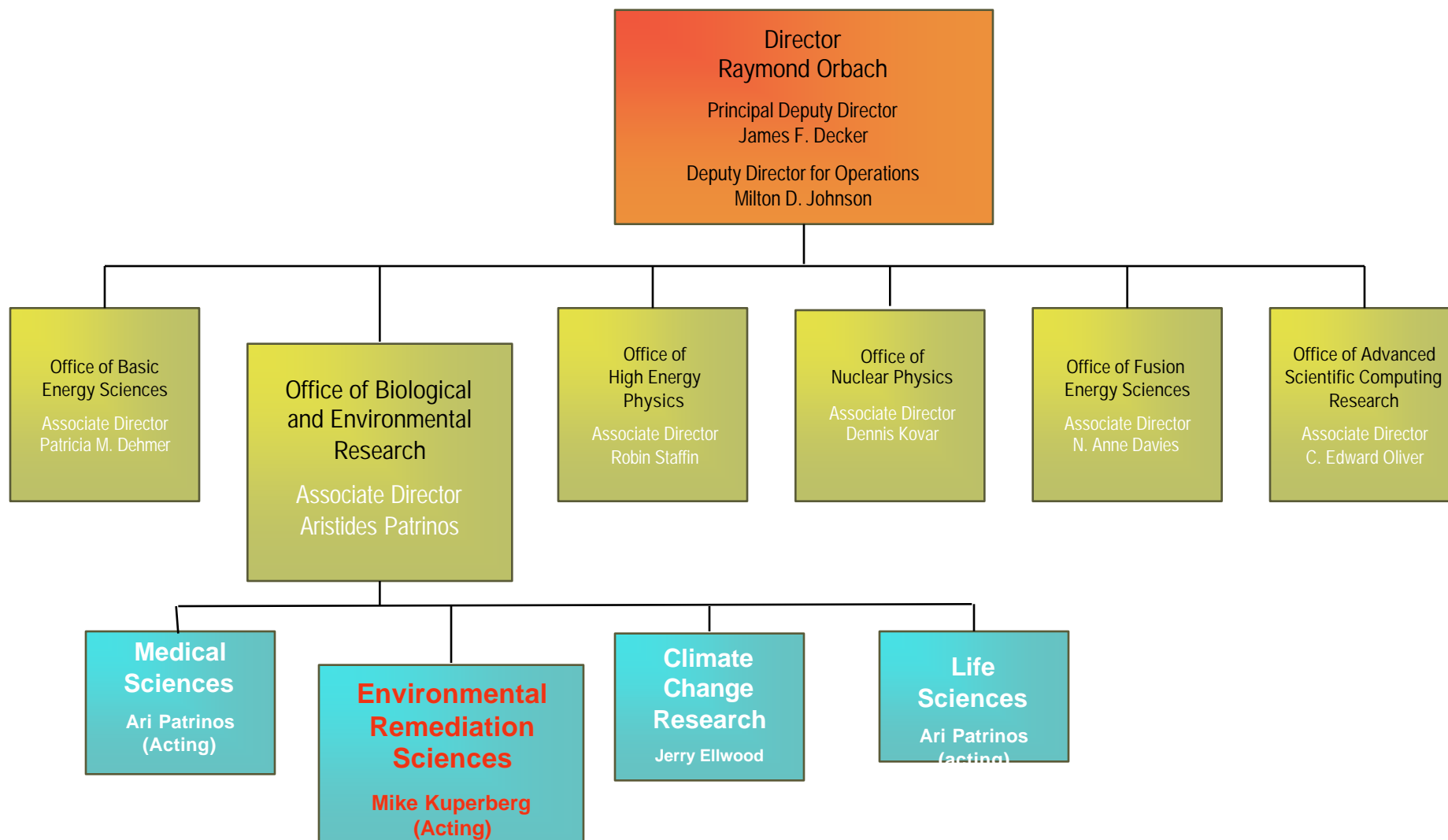


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# ERSD FY04 President's Request

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NABIR	\$24,097*
EMSP	\$29,246
EMSL	\$37,149 (operations)
SREL	\$ 7,776
Misc.	\$10,932
<b>Total</b>	<b>\$109,200</b>

**\*thousands of dollars**



# ERSD Staff

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§ Mike Kuperberg, Acting Director

§ Paul Bayer, Program Manager

§ NABIR, Facilities

§ (Roland Hirsch, Program Manager)

§ EMSP

§ Todd Anderson, Program Manager

§ NABIR, EMSI

§ Drew Tait, Detailee, Los Alamos

§ Ray Wildung, IPA, PNNL



# ERSD Mission

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...Advance the fundamental science leading to solutions to **currently intractable environmental problems** or to **break-through strategies** for remediation of the DOE sites and other DOE environmental and energy missions.



# ERSD Characteristics

- § Primary focus is on a subset of DOE-EM relevant issues where science can have the greatest impact
- § Highly interdisciplinary – integrates results from biology, geology, chemistry, ecology, *etc.*
- § **Committed to developing and supporting “grand challenges” in DOE remediation issues that incorporate laboratory and field research, modeling, and multidisciplinary approaches.**
- § Committed to supporting facilities that are/will contributing to environmental sciences (light sources, EMSL, *etc.*)
- § Highly collaborative with other organizations

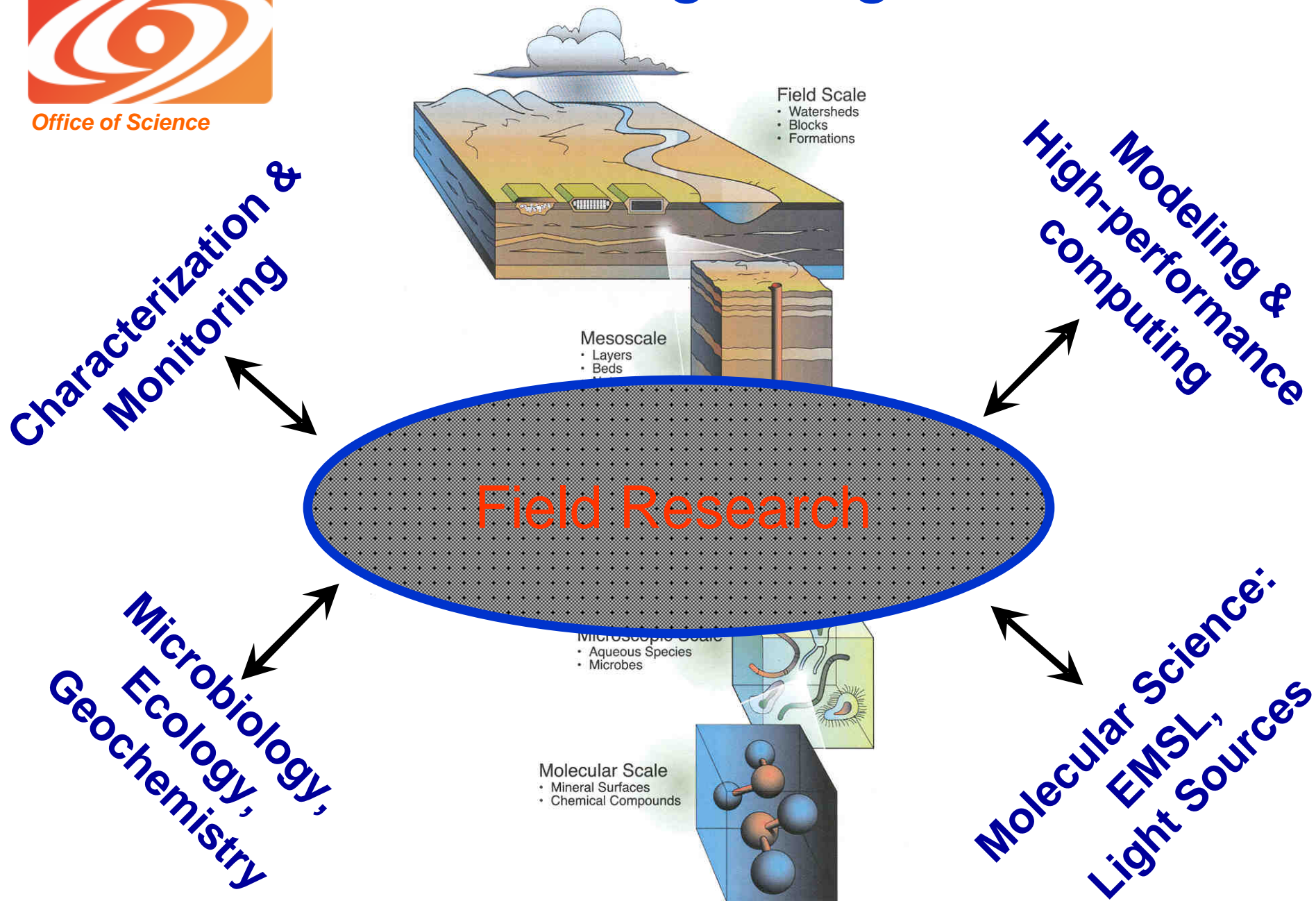


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# ERSD Integrating Vision





# ERSD – What's next?

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## § Currently open solicitations

- § NABIR – Biomolecular science call

- § EMSP – Subsurface science call

## § Upcoming solicitation

- § NABIR field – Integrated field-based research opportunities

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Thank you